

---

**CARDIAC STIMULATION DEVICE WITH  
ADJUSTABLE BLANKING INTERVALS**

---

**Abstract**

An implantable cardiac stimulating device employs different post-ventricular atrial refractory periods for different types of ventricular events, such as a sensed ventricular event and a paced ventricular event. A controller facilitates selection or adjustment by remote programming of two different post-ventricular atrial blanking intervals that are invoked depending upon the type of ventricular event. A set of discrete blanking interval values may be available for programming the different blanking intervals, and a search routine may be executed to systematically apply the different blanking interval values and determine a suitable value by determining whether far-field R-waves are detected after expiration of each applied blanking interval value.